Overview of **Louisiana Transportation Research** Center Presented to Michigan DOT Research Peer Exchange December 2007

LTRC Created by R.S. 48:105 in 1986 Cooperative research, technology transfer and training center jointly administered LADOTD and LSU

LTRC's Mission

Effectively merge the resources of DOTD/LTRC and universities to provide transportation related research, education and training in a manner that:

- Addresses DOTD problems/needs
- · Addresses transportation industry problems/needs
- Supports local government
- Advances transportation technology
- · Benefits Louisiana's universities
- · Provides optimal return on taxpayers' dollars

Functions and Duties of LTRC

- To develop & conduct a nationally recognized research program in transportation systems
- To offer educational & training programs
- To develop & implement a technology transfer
- To establish cooperative relationships with universities, associations & agencies
- To report & publish research findings

Policy Committee

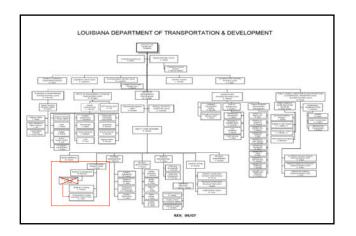
Advises LTRC and makes recommendations concerning research and technology transfer programs, fiscal-year budgets, and reviews activities and progress of the center.

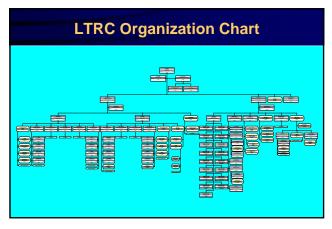
LTRC Policy Committee

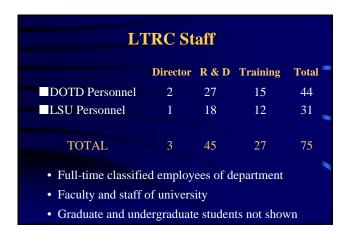
- DOTD secretary appoints 3 members
- Universities one member from each with civil department

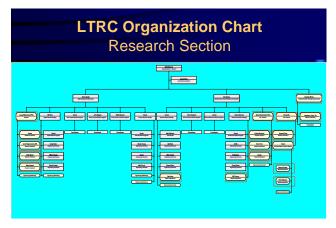
 - USL
 - Southern

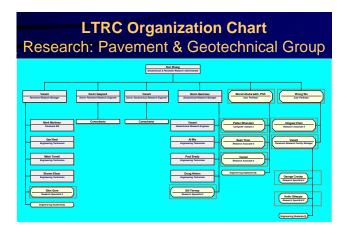
 - Tulane McNeese
- LTRC director
- FHWA invited observers







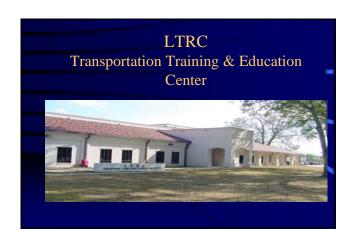




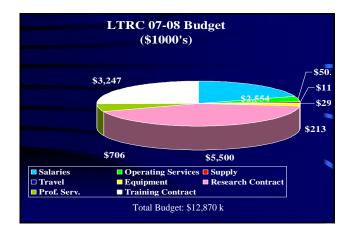








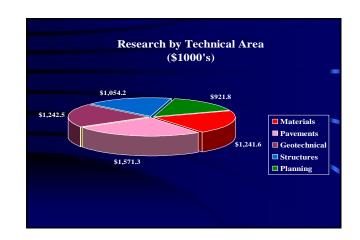
Louisiana Pavement Research Facility (ALF™)

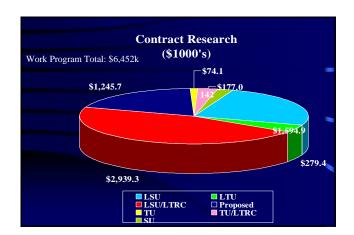


WORK PROGRAM FUNDING

- Federal SP&R Part II (Internal research program)
- State funding (External University contracts)
- Federal (IBRC, Corp of Engineers, etc)
- Federal STP (Technology Transfer, Workforce Development)
- Self Generated (NCHRP, Private)
- Other funding (non LTRC budgeted)

WORK	PRO	OGF	RAN	1 ST	'UD
Fiscal Year	04	05	06	07	08
 SP&R 					
Active	19	21	15	18	18
Proposed	24	19	28	19	11
 State 					
Active	20	17	17	8	19
Proposed	7	8	13	16	8
Proposed RPI	Proposed RPIC projects			0	6
 Self-Generated 	1				
Active	2	1	2	4	6
Proposed	2	2	2	2	6
· Other Funded					
Active			2	4	5
Proposed			1	0	3











Technology Transfer Center (LTAP)

- One of 51 T² centers in USA
- Cooperative effort of DOTD, FHWA, and LSU
- Goal is to help improve local transportation agencies by providing:
 - Training
 - Technical materials
 - Assistance and information

LTRC Foundation, Inc.

Connecting Government, Industry, and Academia

Louisiana Transportation Research Center

What Is the LTRC Foundation?

- The Foundation is a nonprofit corporation formed to enhance and support LTRC
- LTRC is committed to establishing cooperation in the transportation community to improve transportation systems in Louisiana
- The Foundation represents a unique opportunity for government, industry, and academia to work together

Functions of the Foundation

- Can solicit and accept donations of funds and equipment to enhance and support LTRC
- Permits LTRC to partner with other transportation interests / customers in providing services
- Permits LTRC to purchase liability insurance necessary to receive research grants

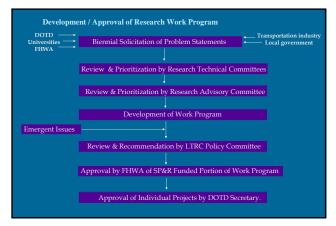
Board of Directors

- LTRC Director, Assoc. Director for Research and Assoc. Director for Technology Transfer
- DOTD Deputy Secretary, Chief Engineer, Assistant Secretary, Planning & Programming
- ACADEMIA Civil Engineering Dept. Heads representing LSU, LTU, UNO, USL, Tulane, Southern and McNeese
- INDUSTRY 6 positions to be named

What Are the Goals of the Foundation?

- Constructing an education and training facility for the transportation community
- Enhancing the research/equipment capabilities of
- Endowing LTRC research professorships





Challenges

- Manpower drain
- Unscheduled technical assistance work
- Timely delivery of projects
- Measuring and Documenting implementation
- Performance measurements

